



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

A.G. Filler et al.

Attorney Docket No: WRUW16938

Patent No:

5,560,360

Group Art Unit: 3305

Issued:

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October 1, 1996

Title:

IMAGE NEUROGRAPHY AND DIFFUSION ANISOTROPY IMAGING

REQUEST FOR CERTIFICATE OF CORRECTION

CERTIFICATE

Seattle, Washington 98101

MAY 1 2 1999

OF CORRECTION

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Enclosed is a Certificate of Correction, Form PTO 1050, for the above-identified U.S. Letters Patent.

The errors in the printed patent listed on the enclosed form occurred at the corresponding locations in the application file listed below:

in the application in	to fibroa bolow.		
Column,	Line	Page,	Line
[75] Pg. 1, col. 1	Inventors	2 of 2	05/05/04)
Fg. 1, Col. 1		(Suppl. Decl.	05/05/94)
[56]	Refs. Cited (U.S. Pats.)	l of l	Ref. U1
Pg. 1, col. 2		(Info. Cited	05/05/95)
[56]	Refs. Cited	l of 6	Refs. U1-U9
Pg. 1, col. 2	(U.S. Pats.)	(Info. Cited	03/14/94)
[56]	Refs. Cited	1 & 2 of 6	Refs. F1-F3
Pg. 1, col. 2	(Foreign Pats.)	(Info. Cited	03/14/94)
[56]	Refs. Cited	2-6 of 6	Refs. O1-O38
Pg. 1, col. 2	(Other Publs.)	(Info. Cited	03/14/94)
42	10	4	13 line 1)
(Claim 30,	line 1)	(Claim 112,	
		(Amendment	07/06/95)

WRUW\6938172.DOC

CHRISTENSEN O'CONNOR JOHNSON

LAW OFFICES

1420 FIFTH AVENUE SUITE 2800 SEATTLE, WASHINGTON 98101-2347 TELEPHONE: (206) 682-8100

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Column,	Line	Page,	Line
44	41	10	20
(Claim 48,	line 1)	(Claim 132, (Prelim. Amend.	· '
48	29	13	1
(Claim 63,	line 1)	(Claim 138, (Prelim. Amend.	
48	33	9	1
(Claim 64,	line 1)	(Claim 159, (Amendment	· · · · · · · · · · · · · · · · · · ·

Since the Certificate of Correction is necessitated by Patent and Trademark Office errors, no fee is required.

Respectfully submitted,

CHRISTENSEN O'CONNOR JOHNSON & KANDNESSPLLC

James W. Anable

Registration No. 26,827 Direct Dial (206) 695-1704

	hereby certify that this correspondence is being deposited with the U.S. Postal Service in a	
first class	mail with postage thereon fully prepaid addressed to: Assistant Commissioner for Patents,	Washington, D.C.

Date:

JWA:III

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PATENT NO. :

5,560,360

Page 1 of 9

DATED

October 1, 1996

INVENTOR(S):

A.G. Filler et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page

COLUMN	<u>LINE</u>				
[75] Pg. 1, col. 1	Inventors	"Jay S. Tsurda"	should read -	-Jay S. Tsuruda	
[56]	Refs. Cited	Insert the follow	ing reference:		
Pg. 1, col. 2	(U.S. Pats.)	-5,185,576	2/1993	Vavrek et al.	324/318
[56]	Refs. Cited	Insert the follo	wing referen	ices:	
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		4,843,322	6/1989	Glover	324/309
		4,901,020	2/1990	Ladebeck et al.	324/309
		4,714,081	12/1987	Dumoulin et al.	128/653
		4,528,985	7/1985	Macovski	128/653
		4,836,209	6/1989	Nishimura	128/653
		4,516,582	5/1985	Redington	128/653
		4,647,857	3/1987	Taber	324/309
		4,777,957	10/1988	Wehrli et al.	128/653
[56]	Refs. Cited	Insert the follow	ing reference	s:	·
Pg. 1, col. 2	(Foreign	JP3133423	6/1991	Japan	
	Pats.)	JP2077239	3/1990	Japan	
		WO 90/05494	5/1990	PCT	•

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-M. Doran et al., "Normal and Abnormal White Matter Tracts Shown By MR Imaging Using Directional Diffusion Weighted Sequences," *Journal Of Computer Assisted Tomography* 14(6): 865-873 (November/December 1990).

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G. Sze, "Recent Advances in Spinal Magnetic Resonance Imaging," Canadian Association of Radiologists Journal, 42(3):190-198 (June 1991).

Haase et al., "NMR Chemical Shift Selective Imaging", 30 Phys. Med. Biol. 341-344 (1985).

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Publs.)

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B. Roger et al., "Imaging of Posttraumatic Brachial Plexus Injury," Clinical Orthopaedics And Related Research, 237:57-61 (December 1988).

R.R. Tash, M.D., et al., "Trigeminal Neuralgia: MR Imaging Features," Radiology 172:767-770 (1989).

M. Mesgarzadeh et al., "Carpal Tunnel: MR Imaging, Part II. Carpal Tunnel Syndrome," *Radiology*, 171:749-754 (1989).

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(Claim 63, line 1)

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	(continued)	P.B. Roemer et al., "The NMR Phased Array," Magnetic Resonance In Medicine 16:192-225 (1990).
		C.E. Hayes et al., "Volume Imaging with MR Phased Arrays," Magnetic Resonance In Medicine 18:309-319 (1991).
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42 (Claim 30,	16 line 1)	After "wherein" insert,-
44 (Claim 48,	41 line 1)	"claim 46" should readclaim 36
48	29	"claim 61" should readclaim 52

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COLUMN

LINE

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33

"claim 61" should read --claim 54--

(Claim 64, line 1)

Signed and Sealed this

Twenty-first Day of September, 1999

Attest:

Q. TODD DICKINSON

Attesting Officer

Acting Commissioner of Patents and Trademurks

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

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	Pats.)	JP2077239	3/1990	Japan	
		WO 90/05494	5/1990	PCT	

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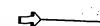
COLUMN LINE [56] Refs. Cited Insert the following references: Pg. 1, col. 2 (Other Publs.) -M. Doran et al., "Normal and Abnormal White Matter Tracts Shown By MR Imaging Using Directional Diffusion Weighted Sequences," Journal Of Computer Assisted Tomography 14(6): 865-873 (November/December 1990). M. Doran et al., "Magnetic Resonance: Perfusion and Diffusion Imaging," Neuroradiology 32:392-398 (1990). M.E. Moseley et al., "Diffusion-weighted MR Imaging of Anisotropic Water Diffusion in CAT Central Nervous System, "Radiology, 176:439-445 (August 1990). J.V. Hajnal et al., "MR Imaging of Anisotropically Restricted Diffusion of Water in the Nervous System: Technical, Anatomic, and Pathologic Considerations," Journal Of Computer Assisted Tomography, 15:1-18 (January 1991). M.E. Moseley et al., "Diffusion-Weighted MR Imaging of Acute Stroke: Correlation with T2-Weighted and Magnetic Susceptibility-Enhanced MR Imaging in Cats," ANJR

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11:423-429 (May/June 1990).

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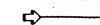
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FORM PTO 1050 (Rev. 2-93)

Page 9 of 9